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## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: \_\_\_\_\_ Examiner #: \_\_\_\_\_ Date: \_\_\_\_\_  
Art Unit: \_\_\_\_\_ Phone Number 301 575 056 Serial Number: 091483467  
Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

\*\*\*\*\*

### STAFF USE ONLY

Searcher: [Signature]  
Searcher Phone #: [Signature]  
Searcher Location: \_\_\_\_\_  
Date Searcher Picked Up: 9/13/02  
Date Completed: 9/13/02  
Searcher Prep & Review Time: \_\_\_\_\_  
Clerical Prep Time: \_\_\_\_\_  
Online Time: \_\_\_\_\_

### Type of Search

NA Sequence (#) \_\_\_\_\_  
AA Sequence (#) \_\_\_\_\_  
Structure (#) \_\_\_\_\_  
Bibliographic ✓  
Litigation ✓  
Fulltext \_\_\_\_\_  
Patent Family \_\_\_\_\_  
Other \_\_\_\_\_

### Vendors and cost where applicable

STN \_\_\_\_\_  
Dialog ✓  
Questel/Orbit ✓  
Dr.Link \_\_\_\_\_  
Lexis/Nexis ✓  
Sequence Systems \_\_\_\_\_  
WWW/Internet \_\_\_\_\_  
Other (specify) \_\_\_\_\_

1/39/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat  
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15215002

Basic Patent (No,Kind,Date): CA 2260223 AA 19980122 <No. of Patents: 021>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
AU 9737987	A1	19980209	AU 9737987	A	19970715	
AU 9738815	A1	19980209	AU 9738815	A	19970714	
AU 9738817	A1	19980209	AU 9738817	A	19970715	
AU 9749762	A1	19980209	AU 9749762	A	19970714	
CA 2260223	AA	19980122	CA 2260223	A	19970714	(BASIC)
CA 2260225	AA	19980122	CA 2260225	A	19970714	
EP 912872	A1	19990506	EP 97936055	A	19970714	
EP 970341	A1	20000112	EP 99909471	A	19990121	
EP 914585	A2	19990512	EP 97912643	A	19970714	
EP 912872	A4	20010627	EP 97936055	A	19970714	
EP 914585	A4	20010627	EP 97912643	A	19970714	
EP 970341	A4	20020123	EP 99909471	A	19990121	
US 5755056	A	19980526	US 680490	A	19960715	
US 5799433	A	19980901	US 736188	A	19961024	
US 5806226	A	19980915	US 713676	A	19960917	
US 5987798	A	19991123	US 13590	A	19980126	
WO 9802704	A1	19980122	WO 97US12189	A	19970715	
WO 9802705	A1	19980122	WO 97US12089	A	19970714	
WO 9802706	A1	19980122	WO 97US12182	A	19970715	
WO 9802708	A2	19980122	WO 97US12094	A	19970714	
WO 9802708	A3	19980514	WO 97US12094	A	19970714	

Priority Data (No,Kind,Date):

US 680490 A 19960715  
US 736188 A 19961024  
WO 97US12189 W 19970715  
WO 97US12089 W 19970714  
US 713676 A 19960917  
WO 97US12182 W 19970715  
WO 97US12094 W 19970714  
WO 99US1269 W 19990121  
US 13590 A 19980126  
US 680490 A2 19960715  
US 713676 A2 19960917

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9737987 A1 19980209

ROUND SENSING MECHANISM (English)

Patent Assignee: REMINGTON ARMS CO INC

Author (Inventor): DANNER DALE R; WOLTERMAN DAVID S

Priority (No,Kind,Date): US 680490 A 19960715; US 736188 A  
19961024; WO 97US12189 W 19970715

Applic (No,Kind,Date): AU 9737987 A 19970715

IPC: \* F41A-009/53

Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
98-110722

Language of Document: English

Patent (No,Kind,Date): AU 9738815 A1 19980209

ELECTRONIC FIREARM AND PROCESS FOR CONTROLLING AN ELECTRONIC FIREARM  
(English)

Patent Assignee: REMINGTON ARMS CO INC

Author (Inventor): DANNER DALE R; NORTON VINCENT B; RONKAINEN JAMES W;  
WOLTERMAN DAVID S

Priority (No,Kind,Date): US 680490 A 19960715; WO 97US12089 W  
19970714

Applic (No,Kind,Date): AU 9738815 A 19970714

IPC: \* F41A-019/58; F41A-019/70

Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
98-110722

Language of Document: English

Patent (No,Kind,Date): AU 9738817 A1 19980209

ELECTRICALLY INSULATED FIRING PIN (English)

Patent Assignee: JAMES W RONKAINEN; MARLIN R JIRANEK II

Author (Inventor): RONKAINEN JAMES W; JIRANEK MARLIN R II

Priority (No,Kind,Date): US 680490 A 19960715; US 713676 A  
19960917; WO 97US12182 W 19970715

Applic (No,Kind,Date): AU 9738817 A 19970715

IPC: \* F41A-019/58

Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
98-110722

Language of Document: English

Patent (No,Kind,Date): AU 9749762 A1 19980209

BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English)

Patent Assignee: REMINGTON ARMS CO INC

Author (Inventor): NORTON VINCENT B; RONKAINEN JAMES W

Priority (No,Kind,Date): US 680490 A 19960715; US 713676 A  
19960917; WO 97US12094 W 19970714

Applic (No,Kind,Date): AU 9749762 A 19970714

IPC: \* F41A-003/02

Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
98-110722

Language of Document: English

CANADA (CA)

Patent (No,Kind,Date): CA 2260223 AA 19980122

ELECTRONIC FIREARM AND PROCESS FOR CONTROLLING AN ELECTRONIC FIREARM  
(English; French)

Patent Assignee: REMINGTON ARMS CO INC (US)

Author (Inventor): WOLTERMAN DAVID S (US); RONKAINEN JAMES W (US);  
NORTON VINCENT B (US); DANNER DALE R (US)

Priority (No,Kind,Date): US 680490 A 19960715

Applic (No,Kind,Date): CA 2260223 A 19970714

IPC: \* F41A-019/58; F41A-019/70

Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
98-110722

Language of Document: English

Patent (No,Kind,Date): CA 2260225 AA 19980122

BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English; French)

Patent Assignee: REMINGTON ARMS CO INC (US)

Author (Inventor): NORTON VINCENT B (US); RONKAINEN JAMES W (US)

Priority (No,Kind,Date): US 680490 A 19960715; US 713676 A  
19960917

Applic (No,Kind,Date): CA 2260225 A 19970714

IPC: \* F41A-019/70

Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
98-110722

Language of Document: English

CANADA (CA)

Legal Status (No,Type,Date,Code,Text):

CA	2260223	P	19990114	CA	REFW	CORRESPONDS TO PCT
						APPLICATION (ENTSPRICHT PCT ANMELDUNG)
				WO 9802705	P	

CA	2260225	P	19990114	CA	REFW	CORRESPONDS TO PCT
						APPLICATION (ENTSPRICHT PCT ANMELDUNG)
				WO 9802708	P	

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 912872 A1 19990506

ELECTRONIC FIREARM AND PROCESS FOR CONTROLLING AN ELECTRONIC FIREARM  
(English; French; German)

Patent Assignee: REMINGTON ARMS CO INC (US)

Author (Inventor): DANNER DALE R (US); NORTON VINCENT B (US);

RONKAINEN JAMES W (US); WOLTERMAN DAVID S (US)  
 Priority (No,Kind,Date): WO 97US12089 W 19970714; US 680490 A  
 19960715  
 Applic (No,Kind,Date): EP 97936055 A 19970714  
 Designated States: (National) BE; CH; DE; ES; FI; FR; GB; IT; LI  
 IPC: \* F41A-019/58; F41A-019/70  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722; G 00-022512  
 Language of Document: English  
 Patent (No,Kind,Date): EP 970341 A1 20000112  
 BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English; French; German)  
 Patent Assignee: REMINGTON ARMS CO INC (US)  
 Author (Inventor): RONKAINEN JAMES W (US)  
 Priority (No,Kind,Date): WO 99US1269 W 19990121; US 680490 A  
 19960715; US 13590 A 19980126  
 Applic (No,Kind,Date): EP 99909471 A 19990121  
 Designated States: (National) CH; DE; ES; FI; GB; LI  
 IPC: \* F41A-019/70  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722; G 00-022512  
 Language of Document: English  
 Patent (No,Kind,Date): EP 914585 A2 19990512  
 BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English; French; German)  
 Patent Assignee: REMINGTON ARMS CO INC (US)  
 Author (Inventor): NORTON VINCENT B (US); RONKAINEN JAMES W (US)  
 Priority (No,Kind,Date): WO 97US12094 W 19970714; US 680490 A  
 19960715; US 713676 A 19960917  
 Applic (No,Kind,Date): EP 97912643 A 19970714  
 Designated States: (National) BE; CH; DE; ES; FI; FR; GB; IT; LI  
 IPC: \* F41A-001/00  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722; G 00-022512  
 Language of Document: English  
 Patent (No,Kind,Date): EP 912872 A4 20010627  
 ELECTRONIC FIREARM AND PROCESS FOR CONTROLLING AN ELECTRONIC FIREARM  
 (English; French; German)  
 Patent Assignee: RA BRANDS L L C (US)  
 Author (Inventor): DANNER DALE R (US); NORTON VINCENT B (US);  
 RONKAINEN JAMES W (US); WOLTERMAN DAVID S (US)  
 Priority (No,Kind,Date): WO 97US12089 W 19970714; US 680490 A  
 19960715  
 Applic (No,Kind,Date): EP 97936055 A 19970714  
 Designated States: (National) BE; CH; DE; ES; FI; FR; GB; IT; LI  
 IPC: \* F41A-019/58; F41A-019/70; F41A-009/53  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722; G 00-022512  
 Language of Document: English  
 Patent (No,Kind,Date): EP 914585 A4 20010627  
 BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English; French; German)  
 Patent Assignee: RA BRANDS L L C (US)  
 Author (Inventor): NORTON VINCENT B (US); RONKAINEN JAMES W (US)  
 Priority (No,Kind,Date): WO 97US12094 W 19970714; US 680490 A  
 19960715; US 713676 A 19960917  
 Applic (No,Kind,Date): EP 97912643 A 19970714  
 Designated States: (National) BE; CH; DE; ES; FI; FR; GB; IT; LI  
 IPC: \* F41A-001/00; F41A-003/22; F41A-019/70  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722; G 00-022512  
 Language of Document: English  
 Patent (No,Kind,Date): EP 970341 A4 20020123  
 BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English; French; German)  
 Patent Assignee: RA BRANDS L L C (US)  
 Author (Inventor): RONKAINEN JAMES W (US)  
 Priority (No,Kind,Date): WO 99US1269 W 19990121; US 680490 A  
 19960715; US 13590 A 19980126

Applic (No,Kind,Date): EP 99909471 A 19990121  
 Designated States: (National) CH; DE; ES; FI; GB; LI  
 IPC: \* F41A-019/70; F41A-019/58  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722; G 00-022512  
 Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No, Type, Date, Code, Text):

EP 912872	P	19960715	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			US 680490 A 19960715	
EP 912872	P	19970714	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
			WO 97US12089 W 19970714	
EP 912872	P	19970714	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 97936055 A 19970714	
EP 912872	P	19990506	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			BE CH DE ES FI FR GB IT LI	
EP 912872	P	19990506	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 912872	P	19990506	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			19990212	
EP 912872	P	20010321	EP RAP1	APPLICANT REASSIGNMENT (CORRECTION) (ANMELDER UEBERTRAGUNG (KORR.))
			RA BRANDS, L.L.C.	
EP 912872	P	20010627	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			BE CH DE ES FI FR GB IT LI	
EP 912872	P	20010627	EP A4	SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
			20010516	
EP 912872	P	20010627	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7F 41A 19/58 A, 7F 41A 19/70 B, 7F 41A 9/53 B	
EP 914585	P	19960715	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			US 680490 A 19960715	
EP 914585	P	19960917	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			US 713676 A 19960917	
EP 914585	P	19970714	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
			WO 97US12094 W 19970714	
EP 914585	P	19970714	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 97912643 A 19970714	
EP 914585	P	19990512	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			BE CH DE ES FI FR GB IT LI	

EP 914585	P	19990512 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 914585	P	19990512 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19990212
EP 914585	P	20010321 EP RAP1	APPLICANT REASSIGNMENT (CORRECTION) (ANMELDER UEBERTRAGUNG (KORR.))
EP 914585	P	20010627 EP AK	RA BRANDS, L.L.C. DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 914585	P	20010627 EP A4	BE CH DE ES FI FR GB IT LI SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 20010516
EP 914585	P	20010627 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
EP 970341	P	19960715 EP AA	7F 41A 1/00 A, 7F 41A 3/22 B, 7F 41A 19/70 B PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 970341	P	19980126 EP AA	US 680490 A 19960715 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 970341	P	19990121 EP AA	US 13590 A 19980126 PCT-APPLICATION (PCT-ANMELDUNG)
EP 970341	P	19990121 EP AE	WO 99US1269 W 19990121 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 970341	P	20000112 EP AK	EP 99909471 A 19990121 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 970341	P	20000112 EP A1	CH DE ES FI GB LI PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 970341	P	20000112 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991025
EP 970341	P	20000412 EP RPR1	PRIORITY (CORRECTION) (PRIORITAET (KORR.))
EP 970341	P	20010321 EP RAP1	US 19980126 13590 APPLICANT REASSIGNMENT (CORRECTION) (ANMELDER UEBERTRAGUNG (KORR.))
EP 970341	P	20020123 EP AK	RA BRANDS, L.L.C. DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 970341	P	20020123 EP A4	CH DE ES FI GB LI SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 20011210
EP 970341	P	20020123 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))

## UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5755056 A 19980526  
 ELECTRONIC FIREARM AND PROCESS FOR CONTROLLING AN ELECTRONIC FIREARM  
 (English)  
 Patent Assignee: REMINGTON ARMS CO INC (US)  
 Author (Inventor): DANNER DALE R (US); NORTON VINCENT B (US);  
 RONKAINEN JAMES W (US); WOLTERMAN DAVID S (US)  
 Priority (No,Kind,Date): US 680490 A 19960715  
 Applic (No,Kind,Date): US 680490 A 19960715  
 National Class: \* 042084000; 089028050  
 IPC: \* F41A-019/58; F41A-019/70  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722

Language of Document: English

Patent (No,Kind,Date): US 5799433 A 19980901  
 ROUND SENSING MECHANISM (English)  
 Patent Assignee: REMINGTON ARMS CO INC (US)  
 Author (Inventor): DANNER DALE R (US); WOLTERMAN DAVID S (US)  
 Priority (No,Kind,Date): US 736188 A 19961024; US 680490 A2  
 19960715  
 Applic (No,Kind,Date): US 736188 A 19961024  
 National Class: \* 042001050; 042084000; 073167000  
 IPC: \* F41A-009/53  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722

Language of Document: English

Patent (No,Kind,Date): US 5806226 A 19980915  
 BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English)  
 Patent Assignee: REMINGTON ARMS CO INC (US)  
 Author (Inventor): NORTON VINCENT B (US); RONKAINEN JAMES W (US)  
 Priority (No,Kind,Date): US 713676 A 19960917; US 680490 A2  
 19960715  
 Applic (No,Kind,Date): US 713676 A 19960917  
 National Class: \* 042084000; 089028050  
 IPC: \* F41A-019/70  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722

Language of Document: English

Patent (No,Kind,Date): US 5987798 A 19991123  
 BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English)  
 Patent Assignee: REMINGTON ARMS CO INC (US)  
 Author (Inventor): RONKAINEN JAMES W (US)  
 Priority (No,Kind,Date): US 13590 A 19980126; US 713676 A2  
 19960917; US 680490 A2 19960715  
 Applic (No,Kind,Date): US 13590 A 19980126  
 National Class: \* 042084000; 042016000  
 IPC: \* F41A-019/00  
 Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
 98-110722; G 00-022512; G 00-022512  
 Language of Document: English

## UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5755056 P 19960715 US AE APPLICATION DATA (PATENT)  
 (APPL. DATA (PATENT))  
 US 680490 A 19960715  
 US 5755056 P 19960923 US AS02 ASSIGNMENT OF ASSIGNOR'S  
 INTEREST  
 REMINGTON ARMS COMPANY, INC. 870 REMINGTON  
 DRIVE MADISON, NORTH CAROLINA 27025 ; DANNER,  
 DALE R. : 19960712; NORTON, VINCENT B. :  
 19960712; RONKAINEN, JAMES W. : 19960712;  
 WOLTERMAN, DAVID S. : 19960712

US 5755056	P	19980526	US A	PATENT
US 5755056	P	20000328	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20000113
US 5799433	P	19960715	US AA	PRIORITY US 680490 A2 19960715
US 5799433	P	19961024	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 736188 A 19961024
US 5799433	P	19970121	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST REMINGTON ARMS COMPANY, INC. 870 REMINGTON DRIVE MADISON, NORTH CAROLINA 27025 ; DANNER, DALE R. : 19961018; WOLTERMAN, DAVID S. : 19961018
US 5799433	P	19980901	US A	PATENT
US 5806226	P	19960715	US AA	PRIORITY US 680490 A2 19960715
US 5806226	P	19960917	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 713676 A 19960917
US 5806226	P	19971022	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST REMINGTON ARMS COMPANY, INC. 870 REMINGTON DRIVE PO BOX 700 MADISON, NORTH CAROL ; NORTON, VINCENT B. : 19960912; RONKAINEN, JAMES W. : 19960912
US 5806226	P	19980915	US A	PATENT
US 5987798	P	19960715	US AA	PRIORITY US 680490 A2 19960715
US 5987798	P	19960917	US AA	PRIORITY US 713676 A2 19960917
US 5987798	P	19980126	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 13590 A 19980126
US 5987798	P	19991123	US A	PATENT

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9802704 A1 19980122

ROUND SENSING MECHANISM (English)

Patent Assignee: REMINGTON ARMS CO INC (US)

Author (Inventor): DANNER DALE R; WOLTERMAN DAVID S

Priority (No,Kind,Date): US 680490 A 19960715; US 736188 A  
19961024

Applic (No,Kind,Date): WO 97US12189 A 19970715

Designated States: (National) AU; CA; CN (Regional) AT; BE; CH; DE;  
DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

Filing Details: WO 130000 With international search report; Before  
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IPC: \* F41A-009/53

Derwent WPI Acc No: \* C 98-110720; G 98-110718; G 98-110719; G  
98-110722; G 98-110718

Language of Document: English

Patent (No,Kind,Date): WO 9802705 A1 19980122

ELECTRONIC FIREARM AND PROCESS FOR CONTROLLING AN ELECTRONIC FIREARM  
(English)

Patent Assignee: REMINGTON ARMS CO INC (US)

Author (Inventor): DANNER DALE R; NORTON VINCENT B; RONKAINEN JAMES W;  
WOLTERMAN DAVID S

Priority (No,Kind,Date): US 680490 A 19960715

Applic (No,Kind,Date): WO 97US12089 A 19970714

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DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

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 98-110722; G 98-110719  
 Language of Document: English  
 Patent (No,Kind,Date): WO 9802706 A1 19980122  
 ELECTRICALLY INSULATED FIRING PIN (English)  
 Patent Assignee: RONKAINEN JAMES W (US); JIRANEK MARLIN R II (US)  
 Author (Inventor): RONKAINEN JAMES W (US); JIRANEK MARLIN R II (US)  
 Priority (No,Kind,Date): US 680490 A 19960715; US 713676 A  
 19960917  
 Applic (No,Kind,Date): WO 97US12182 A 19970715  
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 IPC: \* F41A-019/58  
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 98-110722; C 98-110720  
 Language of Document: English  
 Patent (No,Kind,Date): WO 9802708 A2 19980122  
 BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English)  
 Patent Assignee: REMINGTON ARMS CO INC (US)  
 Author (Inventor): NORTON VINCENT B; RONKAINEN JAMES W  
 Priority (No,Kind,Date): US 680490 A 19960715; US 713676 A  
 19960917  
 Applic (No,Kind,Date): WO 97US12094 A 19970714  
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 Language of Document: English  
 Patent (No,Kind,Date): WO 9802708 A3 19980514  
 BOLT ASSEMBLY FOR ELECTRONIC FIREARM (English)  
 Patent Assignee: REMINGTON ARMS CO INC (US)  
 Author (Inventor): NORTON VINCENT B; RONKAINEN JAMES W  
 Priority (No,Kind,Date): US 680490 A 19960715; US 713676 A  
 19960917  
 Applic (No,Kind,Date): WO 97US12094 A 19970714  
 Designated States: (National) AU; CA; CN (Regional) AT; BE; CH; DE;  
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WO 9802704	P	19960715	WO AA	PRIORITY (PATENT)
			US 680490 A	19960715
WO 9802704	P	19961024	WO AA	PRIORITY (PATENT)
			US 736188 A	19961024
WO 9802704	P	19970715	WO AE	APPLICATION DATA (APPL. DATA)
			WO 97US12189 A	19970715
WO 9802704	P	19980122	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL.

			WITH SEARCH REPORT)
			AU CA CN
WO 9802704	P	19980122	WO AL DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT) AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
WO 9802704	P	19980122	WO A1 PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9802704	P	19980312	WO DFPE REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
WO 9802704	P	19980520	WO 121 EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))
WO 9802704	P	19991020	WO 122 EP: PCT APP. NOT ENT. EUROP. PHASE (EP: PCT ANM. NICHT IN EUROP. PHASE EING.)
WO 9802704	P	20000115	WO NENP NON-ENTRY INTO THE NATIONAL PHASE IN: CA
WO 9802705	P	19960715	WO AA PRIORITY (PATENT) US 680490 A 19960715
WO 9802705	P	19970714	WO AE APPLICATION DATA (APPL. DATA) WO 97US12089 A 19970714
WO 9802705	P	19980122	WO AK DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT) AU CA CN
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WO 9802705	P	19980122	WO A1 PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9802705	P	19980305	WO DFPE REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
WO 9802705	P	19980520	WO 121 EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))
WO 9802705	P	19990114	WO ENP ENTRY INTO THE NATIONAL PHASE IN: CA 2260223 AA
WO 9802706	P	19960715	WO AA PRIORITY (PATENT) US 680490 A 19960715
WO 9802706	P	19960917	WO AA PRIORITY (PATENT) US 713676 A 19960917
WO 9802706	P	19970715	WO AE APPLICATION DATA (APPL. DATA) WO 97US12182 A 19970715
WO 9802706	P	19980122	WO AK DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL.

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AU CA CN US

WO 9802706 P 19980122 WO AL DESIGNATED COUNTRIES FOR  
REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT (DESIGNATED  
COUNTRIES FOR REGIONAL PATENTS CITED IN A  
PUBLISHED APPL. WITH SEARCH REPORT)  
AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE

WO 9802706 P 19980122 WO A1 PUBLICATION OF THE  
INTERNATIONAL APPLICATION WITH THE  
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INTERNATIONAL APPL. WITH THE INTERNATIONAL  
SEARCH REPORT)

WO 9802706 P 19980409 WO DFPE REQUEST FOR PRELIMINARY  
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MONTH FROM PRIORITY DATE

WO 9802706 P 19980520 WO 121 EP: PCT APP. ART. 158 (1)  
(EP: PCT ANM. ART. 158 (1))

WO 9802706 P 19980522 WO COP CORRECTED VERSION OF  
PAMPHLET  
pages 1/2-2/2, drawings, replaced by a new  
page 1/1; due to late transmittal by the  
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WO 9802706 P 19991124 WO 122 EP: PCT APP. NOT ENT. EUROP.  
PHASE (EP: PCT ANM. NICHT IN EUROP. PHASE  
EING.)

WO 9802706 P 20000115 WO NENP NON-ENTRY INTO THE NATIONAL  
PHASE IN:  
CA

WO 9802708 P 19960715 WO AA PRIORITY (PATENT)  
US 680490 A 19960715

WO 9802708 P 19960917 WO AA PRIORITY (PATENT)  
US 713676 A 19960917

WO 9802708 P 19970714 WO AE APPLICATION DATA (APPL.  
DATA)  
WO 97US12094 A 19970714

WO 9802708 P 19980122 WO AK DESIGNATED STATES CITED IN A  
PUBLISHED APPLICATION WITHOUT SEARCH REPORT  
(DESIGNATED STATES CITED IN A PUBLISHED APPL.  
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AU CA CN

WO 9802708 P 19980122 WO AL DESIGNATED COUNTRIES FOR  
REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITHOUT SEARCH REPORT  
(DESIGNATED COUNTRIES FOR REGIONAL PATENTS  
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REPORT)  
AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE

WO 9802708 P 19980122 WO A2 PUBLICATION OF THE  
INTERNATIONAL APPLICATION WITHOUT THE  
INTERNATIONAL SEARCH REPORT (PUB. OF THE  
INTERNATIONAL APPL. WITHOUT THE INTERNATIONAL  
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WO 9802708 P 19980402 WO DFPE REQUEST FOR PRELIMINARY  
EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
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WO 9802708 P 19980514 WO AK DESIGNATED STATES CITED IN A  
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AU CA CN

WO 9802708 P 19980514 WO AL DESIGNATED COUNTRIES FOR  
REGIONAL PATENTS CITED IN A SUBSEQUENTLY  
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AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL

		PT SE	
WO 9802708	P	19980514 WO A3	SUBSEQUENT PUBLICATION OF THE INTERNATIONAL SEARCH REPORT (SUBSEQUENT PUB. OF THE INTERNATIONAL SEARCH REPORT)
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WO 9802708	P	19980611 WO B	LATER PUBLICATION OF AMENDED CLAIMS (LATER PUB. OF AMENDED CLAIMS)
WO 9802708	P	19990114 WO ENP	ENTRY INTO THE NATIONAL PHASE IN: CA 2260225 AA

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